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Molecular Machinery of the Autophagy Degradation Pathway

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Deadline for manuscript
submissions:
closed (15 August 2022)

Message from the Guest Editor

Dear Colleagues,

We invite all researchers working in the autophagy field to participate in this Special Issue. We welcome original research articles, reviews, or short perspective articles on all aspects related to the molecular machinery of autophagy from yeast to humans. Articles with insights from a molecular perspective are especially welcome. Relevant topics include but are not limited to molecular structures and architectures of autophagy machinery, assay development for studying autophagy, lipid–protein interaction in autophagy, in vitro reconstitution of autophagy processes, and non-autophagy-related functions of the autophagy machinery.

Keywords

- Macroautophagy
- Selective autophagy
- Core autophagy machinery
- Atg proteins
- Autophagy receptors
- Autophagosome biogenesis
- Phagophore assembly site
- Autophagosome–lysosome fusion
- Phase separation



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Special Issue



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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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